EMANUELE IACCARINO

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EDUCATION

Sapienza University of Rome — Rome, Italy
M.Sc. in Data Science — *2024 – Present*

– Coursework in Deep Learning, Statistical Methods, Cloud Computing, Data Mining, and Signal Processing.

University of Naples Federico II — Naples, Italy
B.Sc. in Statistics for Business and Society — *2021 – 2024*

– Graduated with 107/110; thesis on Deep Reinforcement Learning applied to Blackjack and Poker.
– Coursework in probability, inference, multivariate statistics, econometrics, economics, finance, and sport analytics.

Universidad de Deusto (Erasmus) — Bilbao, Spain
Exchange Program in Computer Engineering — *2023*

– Studied Reinforcement Learning, Big Data Analytics, Business Intelligence, Advanced Databases, and Machine Learning.

Istituto Tecnico Nautico Nino Bixio — Piano di Sorrento, Italy
High School Diploma in Mechanical and Naval Engineering — *2015 – 2021*

– Specialized in applied mathematics, mechanical systems, and navigation technologies.

EXPERIENCE

Accenture Consulting — Naples, Italy
Junior Data Engineer Intern — *Apr 2024 – May 2024*

– Analyzed JSON-based pipelines and complex SQL queries (CTEs, subqueries, placeholders).
– Developed a Python library for automated SQL lineage extraction and ETL workflow visualization
– Supported data migration from Teradata to Google BigQuery.

Sapienza University of Rome — Rome, Italy
Tutor and Collaboration Grant Holder — *Mar 2024 – Present*

– Provide tutoring in statistics for B.Sc. students and support university orientation events.

Fratelli Iaccarino SNC — Meta di Sorrento, Italy
eCommerce Director — *Sep 2017 – Sep 2023*

– Managed online sales, customer care, and warehouse logistics for the family business.

Curreri Amalfi Coast — Amalfi Coast, Italy
Tour Guide (Seasonal) — *May 2023 – Aug 2023*

– Led land and boat tours for international visitors across the Amalfi Coast.

ADDITIONAL INFORMATION

- **Languages:** Italian (Native), English (C1), Spanish (B1)

- **Programming/Tools:** Python, R, SQL, Git, Docker, Power BI, Tableau, MySQL, Excel

- **Certifications:** FreeCodeCamp Scientific Computing, FreeCodeCamp Data Analysis, FreeCodeCamp Machine Learning, Python for Data Science (Parthenope), AWS Cloud Foundations (ongoing), HackerRank Certifications

- **Achievements:** Winner of Stats Under the Stars 8 (2025) — 1st Place & Best Project Overall; built an AML detection system using graph-based modeling and ensemble learning with cost-sensitive techniques.